

Claims

1. A method for preparing a composition, characterized in that it comprises the steps consisting:
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- a) in reducing mother-of-pearl to a powder with a particle size of between approximately 1 and approximately 300 μm ;
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- b) in bringing the mother-of-pearl powder thus obtained into close contact with an extracting agent in the form of an aqueous-glycolic solution of at least one collagen, or of at least one proteoglycan or of a mixture thereof;
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- and then
- c) in recovering the extraction mixture formed as a result of the bringing into close contact, constituting the desired composition.
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2. The method as claimed in claim 1, characterized in that the mother-of-pearl is reduced to a powder with a particle size of between approximately 50 and approximately 100 μm .
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3. The method as claimed in claim 1, characterized in that the mother-of-pearl is reduced to a powder with a particle size of between approximately 15 and approximately 50 μm .
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4. The method as claimed in any one of the preceding claims, characterized in that the aqueous-glycolic solvent of the extracting agent has a water:glycol weight ratio of between approximately 1:100 and approximately 100:1.
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5. The method as claimed in any one of the preceding claims, characterized in that the extracting agent

is an aqueous-glycolic solution of at least one collagen.

- 5 6. The method as claimed in claim 5, characterized in that the collagen is a marine collagen.
7. The method as claimed in claim 5 or 6, characterized in that the collagen is a marine collagen chosen from the group consisting of "PANCOGENE^R MARIN", "COLLAGENE NATIF MARIN - Code 690" and mixtures thereof.
- 10 8. The method as claimed in any one of claims 5 to 7, characterized in that the collagen concentration is between approximately 0.0001 and approximately 50% by weight, relative to the total weight of the extracting agent.
- 15 9. The method as claimed in any one of the preceding claims, characterized in that the extracting agent is an aqueous-glycolic solution of at least one proteoglycan.
- 20 10. The method as claimed in claim 9, characterized in that the proteoglycan is chosen from the group consisting of hyaluronic acid, chondroitin sulfate, dermatan sulfate, heparan sulfate, keratan sulfate and mixtures thereof.
- 25 11. The method as claimed in claim 9 or 10, characterized in that the extracting agent is an aqueous-glycolic solution of hyaluronic acid.
- 30 12. The method as claimed in any one of claims 9 to 11, characterized in that the proteoglycan concentration is preferably between approximately 0.0001 and approximately 40% by weight, relative to the total weight of the extracting agent.
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13. The method as claimed in any one of the preceding claims, characterized in that the mother-of-pearl powder is brought into close contact with the extracting agent according to step b) by preparing
5 a mixture, consisting of the mother-of-pearl powder and the extracting agent, such that it comprises, relative to its total weight, approximately 20 to approximately 60% by weight of mother-of-pearl powder obtained in step a) and the
10 remainder as extracting agent.
14. The method as claimed in any one of the preceding claims, characterized in that the close contact in step b) is brought about, for a given temperature,
15 for a period of time sufficient to produce a virtually complete extraction.
15. The method as claimed in any one of the preceding claims, characterized in that, at the end of
20 step b), the extraction mixture, formed as a result of the bringing into close contact, which constitutes the desired composition, is recovered and the liquid phase of the composition is separated from the solid phase.
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16. A liquid phase as obtained using the method as claimed in claim 15.
17. A solid phase as obtained using the method as
30 claimed in claim 15.
18. A composition which can be obtained using the method as claimed in any one of the preceding claims.
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19. The composition as claimed in claim 18, characterized in that it comprises at least, in the form of an aqueous-glycolic suspension:

- aragonite (CaCO_3);
 - trace elements chosen from the group consisting of sodium, magnesium, lanthanum, zinc, bromine, cesium, iron, manganese, chlorine, copper, potassium, calcium, strontium, sulfur and mixtures thereof;
 - fibrous proteins from mother-of-pearl;
 - nonfibrous proteins from mother-of-pearl; and
 - at least one collagen not derived from mother-of-pearl and/or at least one proteoglycan not derived from mother-of-pearl.
20. The composition as claimed in claim 18 or 19, characterized in that it comprises at least one marine collagen not derived from mother-of-pearl and at least one proteoglycan not derived from mother-of-pearl chosen from the group consisting of hyaluronic acid, chondroitin sulfate, dermatan sulfate, heparan sulfate, keratan sulfate and mixtures thereof.
21. A pharmaceutical composition, characterized in that it comprises the composition as claimed in any one of claims 18 to 20, as active principle, and at least one pharmaceutically acceptable excipient.
22. The pharmaceutical composition as claimed in claim 21, characterized in that the pharmaceutically acceptable excipient is an excipient suitable for dermatological application.
23. The use of the composition as claimed in any one of claims 18 to 20, for producing a medicinal product intended for the treatment of tissue regeneration disorders of the skin and/or superficial body growths.
24. The use of the composition as claimed in any one

of claims 18 to 20, for producing a medicinal product intended for the treatment of disorders of the skin and/or superficial body growths related to aging.

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25. The use of the composition as claimed in any one of claims 18 to 20, for producing a medicinal product intended for the treatment of inflammatory skin manifestations.

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26. A cosmetic composition, characterized in that it comprises the composition as claimed in any one of claims 18 to 20, as cosmetically active principle, and a cosmetically acceptable excipient.

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27. The use of the composition as claimed in any one of claims 18 to 20, for producing a cosmetic composition intended for cosmetic treatment for tissue regeneration of the skin and/or superficial body growths.

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28. The use of the composition as claimed in any one of claims 18 to 20, for producing a cosmetic composition intended for the cosmetic treatment of modifications related to aging of the skin and/or superficial body growths.

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29. A method of cosmetic treatment for tissue regeneration of the skin and/or superficial body growths, characterized in that the composition as claimed in any one of claims 18 to 20 is applied to the skin and/or superficial body growths.

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30. A method of cosmetic treatment of modifications related to aging of the skin and/or superficial body growths, characterized in that the composition as claimed in any one of claims 18 to 20 is applied to the skin and/or superficial body growths.

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